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	Application No.	Applicant(s)	
Notice of Allowability	10/713,689	LUDWIG, CHRISTOPH	
	Examiner	Art Unit	
	Mai-Huong Tran	2818	
The MAILING DATE of this communication ap All claims being allowable, PROSECUTION ON THE MERITS herewith (or previously mailed), a Notice of Allowance (PTOL-8 NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT of the Office or upon petition by the applicant. See 37 CFR 1.3	IS (OR REMAINS) CLOSED in 85) or other appropriate communication. This application is s	n this application. If not included unication will be mailed in due cou	ırse. THIS
1. This communication is responsive to 11/14/03.			
2. ☑ The allowed claim(s) is/are <u>1-7</u> .			
3. \boxtimes The drawings filed on <u>14 November 2003</u> are accepted	by the Examiner.		
4. Acknowledgment is made of a claim for foreign priority a) All b) Some* c) None of the: 1. Certified copies of the priority documents had 2. Certified copies of the priority documents had 3. Copies of the certified copies of the priority International Bureau (PCT Rule 17.2(a)). * Certified copies not received: Applicant has THREE MONTHS FROM THE "MAILING DAT noted below. Failure to timely comply will result in ABANDO. THIS THREE-MONTH PERIOD IS NOT EXTENDABLE. 5. A SUBSTITUTE OATH OR DECLARATION must be suit INFORMAL PATENT APPLICATION (PTO-152) which continued in the priority including changes required by the Notice of Draftspental Continued in the priority including changes required by the attached Examinal Paper No./Mail Date [b) including changes required by the attached Examinal Paper No./Mail Date [continued in the priority documents have the paper No./Mail Date [continued in the priority documents had be application number (see 37 CF) each sheet. Replacement sheet(s) should be labeled as such attached Examiner's comment regarding REQUIREMENT.	ave been received. ave been received in Application documents have been received. E" of this communication to file NMENT of this application. bmitted. Note the attached EXAgives reason(s) why the oath of the nust be submitted. Derson's Patent Drawing Review. Der's Amendment / Comment of the header according to 37 CF eposit of BIOLOGICAL MATI	on No If in this national stage application If a reply complying with the require AMINER'S AMENDMENT or NOT If declaration is deficient. If (PTO-948) attached If in the Office action of Inter drawings in the front (not the back 1.121(d). ERIAL must be submitted. Note	ements ICE OF
 Attachment(s) 1. ☑ Notice of References Cited (PTO-892) 2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-94) 3. ☑ Information Disclosure Statements (PTO-1449 or PTO/S Paper No./Mail Date 11/14/03) 4. ☐ Examiner's Comment Regarding Requirement for Depos of Biological Material 	8) 6. Interview S Paper No. B/08), 7. Examiner's	formal Patent Application (PTO-1 ummary (PTO-413), /Mail Date Amendment/Comment Statement of Reasons for Allowa	·
Supervis Techno	SOLY Patent Examiner plogy Center 2800		

DETAILED ACTION

Reason for allowance

The following is an examiner's statement of reason for allowance: None of the references of record teaches or suggests the claimed Memory Cell Array having bit lines disposed parallel to and at a distance from one another and having a column-wise connection to source/drain regions, bit lines being applied as strips of a semiconductor material doped for a second conductivity type being opposite first conductivity type, on top side of semiconductor such that source/drain regions being connected to one another column-wise; and a barrier layer disposed as a diffusion barrier between top side of semiconductor body and bit lines.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance".

Conclusion

Any inquiry concerning this communication on earlier communications from the examiner should be directed to Mai-Huong Tran, (571) 272-1796. The examiner can normally be reached on Monday-Thursday from 8:00 AM to 6:30 PM. The examiner's supervisor, David Nelms can be reached on (571) 272-1787.

Application/Control Number: 10/713,689

Art Unit: 2818

The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR, Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Mai-Huong Tran

Supervisory Patent Examiner Technology Center 2800

Page 3